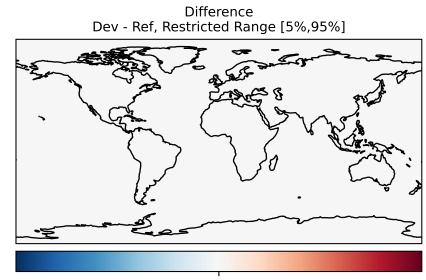
EmisACET_BioBurn (Oct2019)

0.0 1.5 3.0 4.5 kg/m2/s 1e-11

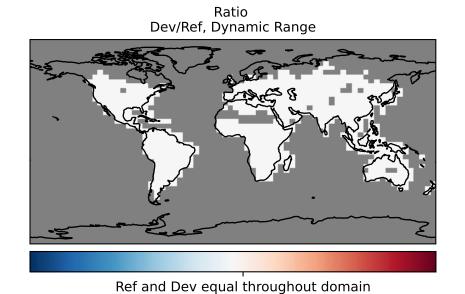
0.0 1.5 3.0 4.5 kg/m2/s 1e-11

Difference Dev - Ref, Dynamic Range

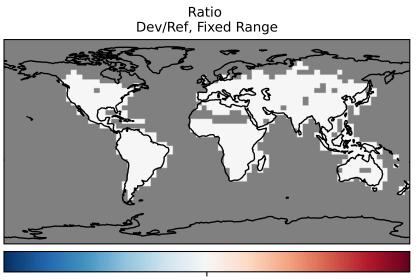


Zero throughout domain kg/m2/s

Zero throughout domain kg/m2/s



. unitless



Ref and Dev equal throughout domain unitless

EmisACTA_BioBurn (Oct2019)

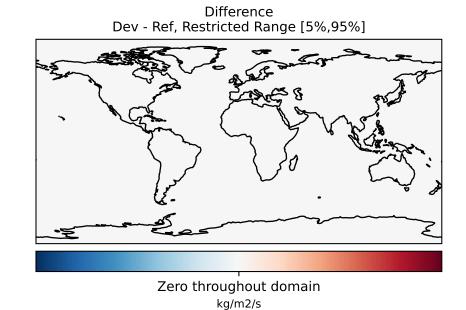
0.0 0.8 1.6 2.4 kg/m2/s 1e-10

0.0 0.8 1.6 2.4 kg/m2/s 1e-10

Difference Dev - Ref, Dynamic Range

Zero throughout domain

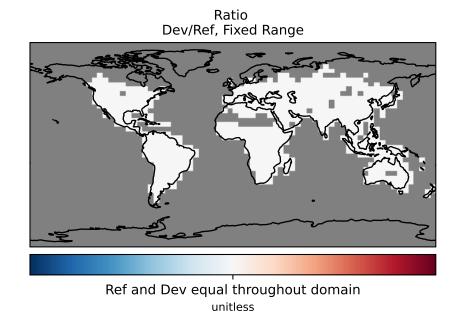
kg/m2/s



Ratio Dev/Ref, Dynamic Range

Ref and Dev equal throughout domain

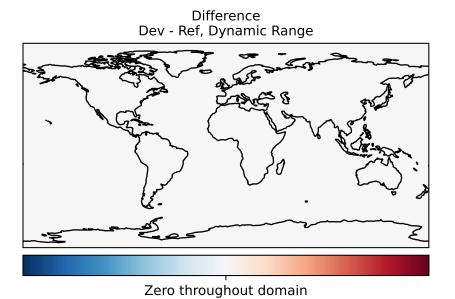
. unitless



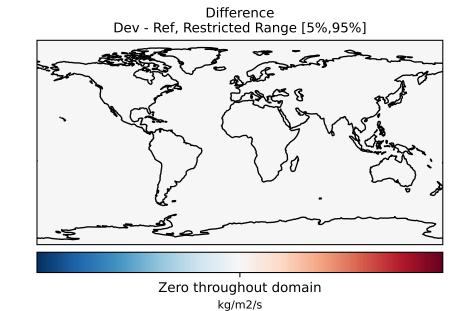
EmisALD2_BioBurn (Oct2019)

gcc-14.3.0-rc.0 (Ref) 4.0x5.0 3 6 1e-11 kg/m2/s

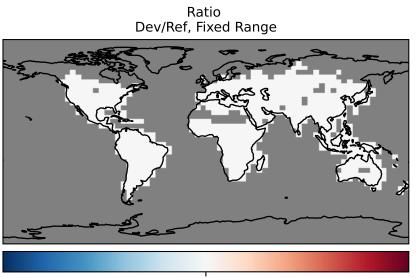
gcc-14.4.0-rc.0 (Dev) 4.0x5.0 3 6 kg/m2/s 1e-11

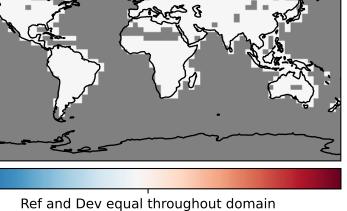


kg/m2/s

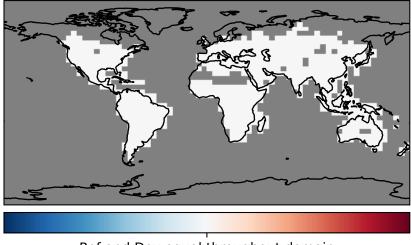


Ratio Dev/Ref, Dynamic Range





unitless

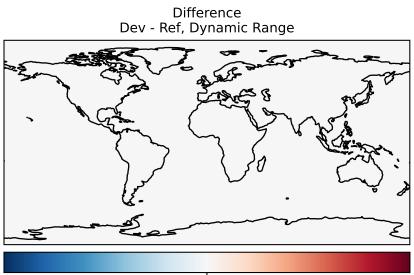


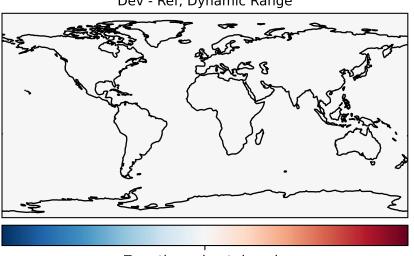
Ref and Dev equal throughout domain unitless

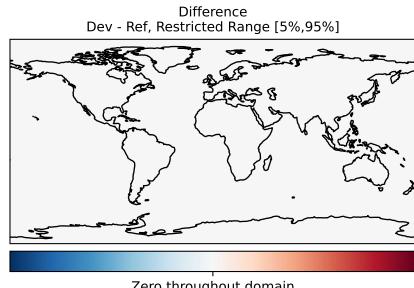
EmisALK4_BioBurn (Oct2019)

gcc-14.3.0-rc.0 (Ref) 4.0x5.0 1.5 3.0 0.0 kg/m2/s 1e-11

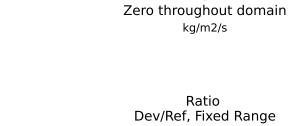
gcc-14.4.0-rc.0 (Dev) 4.0x5.0 1.5 3.0 0.0 kg/m2/s 1e-11

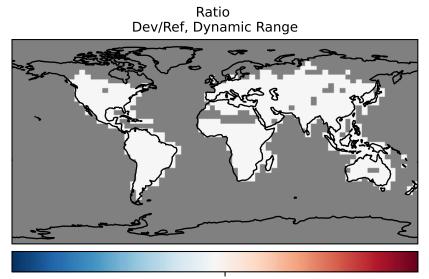


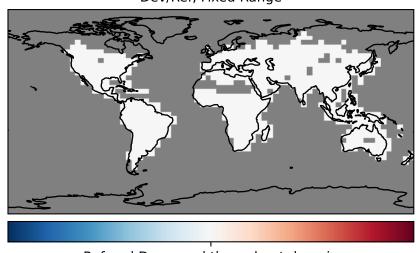












Ref and Dev equal throughout domain unitless

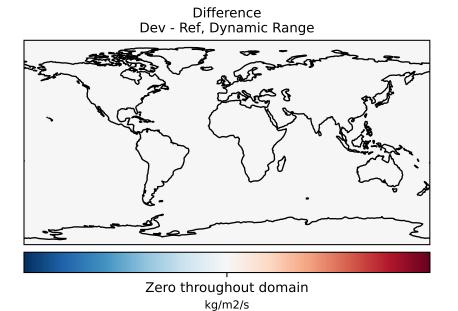
Ref and Dev equal throughout domain unitless

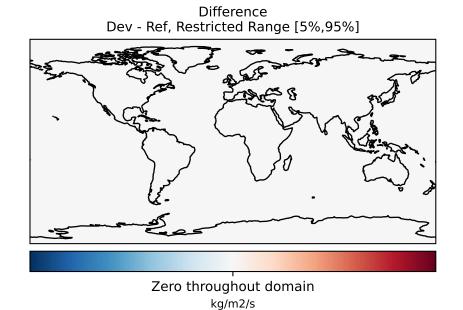
EmisBCPI_BioBurn (Oct2019)

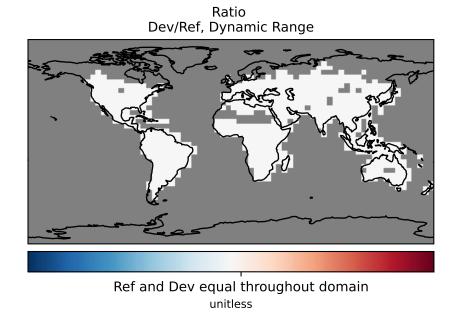
gcc-14.3.0-rc.0 (Ref) 4.0x5.0

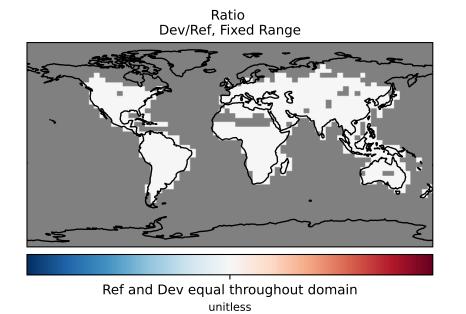
gcc-14.4.0-rc.0 (Dev) 4.0x5.0

0
1
2
kg/m2/s
1e-12

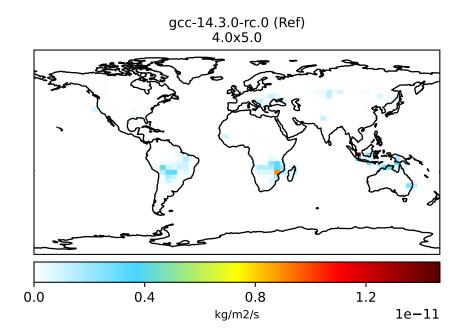


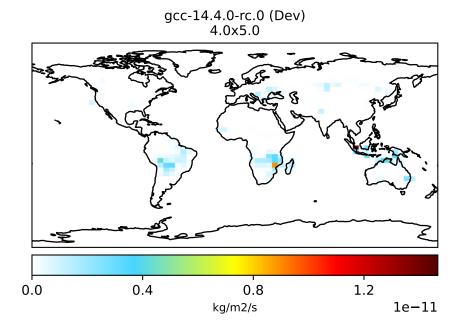


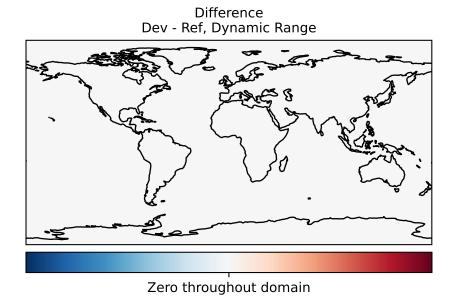




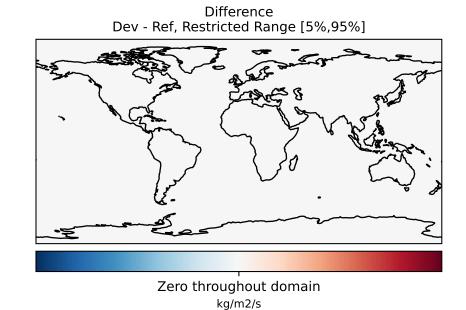
EmisBCPO_BioBurn (Oct2019)



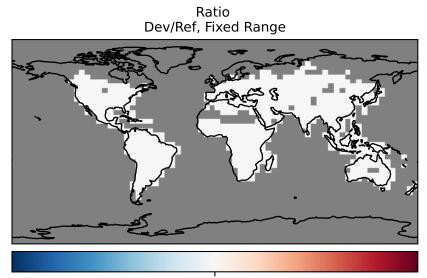


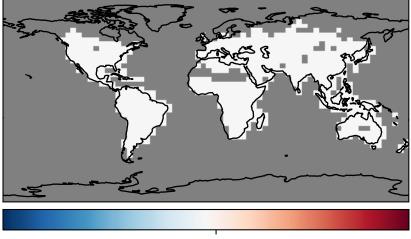


kg/m2/s



Ratio Dev/Ref, Dynamic Range

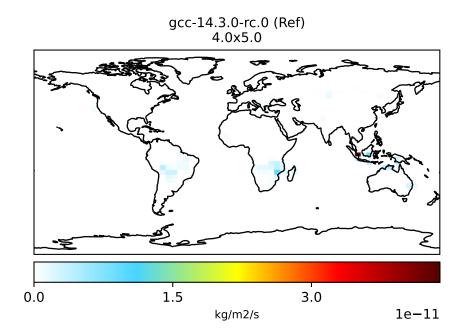


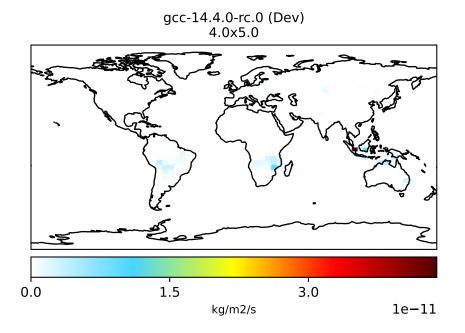


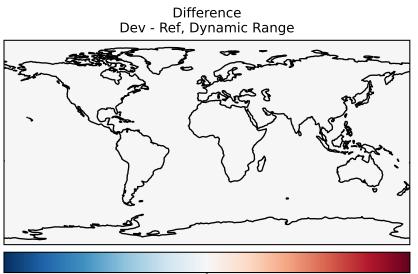
Ref and Dev equal throughout domain unitless

Ref and Dev equal throughout domain unitless

EmisBENZ_BioBurn (Oct2019)



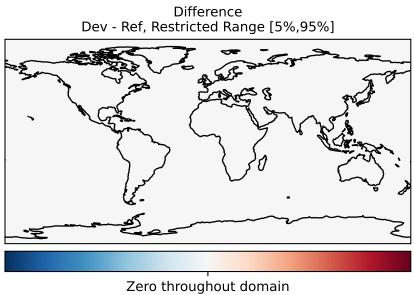




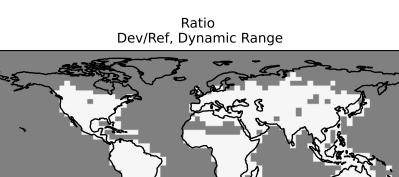
Zero throughout domain

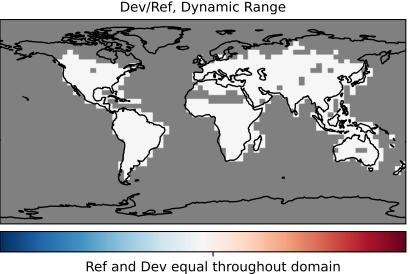
kg/m2/s



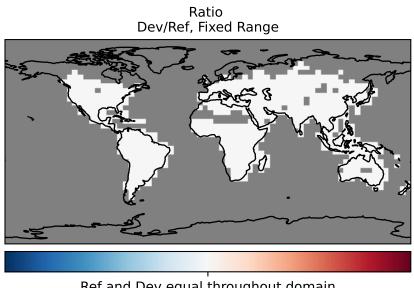


kg/m2/s





. unitless

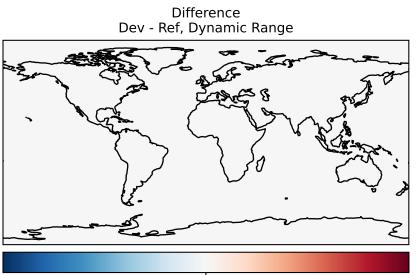


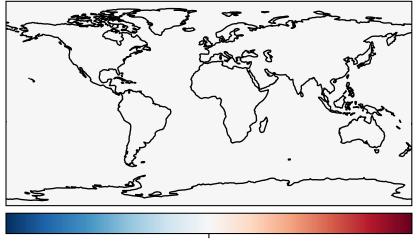
Ref and Dev equal throughout domain unitless

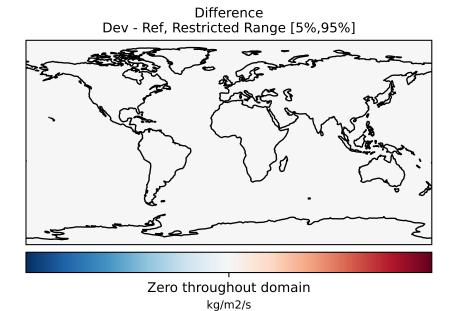
EmisC2H2_BioBurn (Oct2019)

gcc-14.3.0-rc.0 (Ref) 4.0x5.0 1.2 0.4 0.0 0.8 1e-11 kg/m2/s

gcc-14.4.0-rc.0 (Dev) 4.0x5.0 1.2 0.4 0.0 8.0 kg/m2/s 1e-11

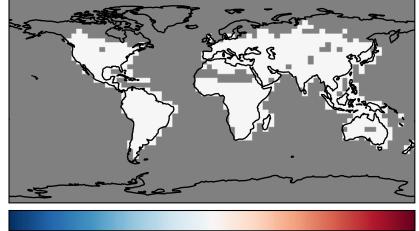


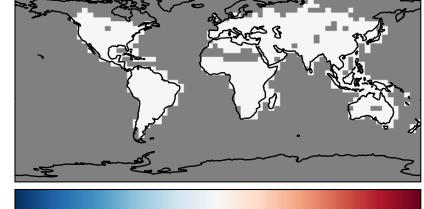




Zero throughout domain kg/m2/s



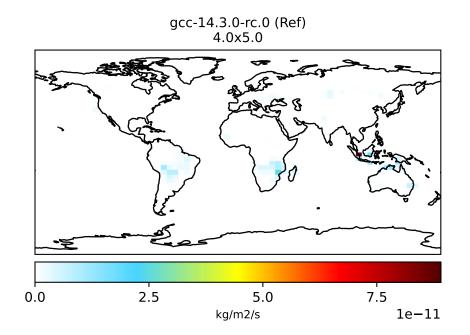




Ref and Dev equal throughout domain unitless

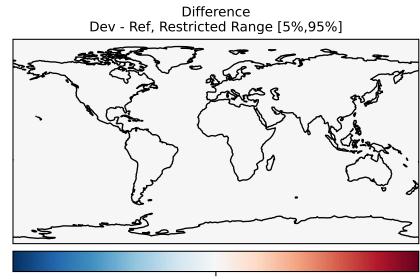
Ref and Dev equal throughout domain unitless

EmisC2H4_BioBurn (Oct2019)



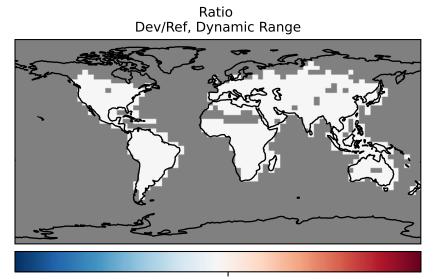
0.0 2.5 5.0 7.5 kg/m2/s 1e-11

Difference Dev - Ref, Dynamic Range



Zero throughout domain kg/m2/s

Zero throughout domain kg/m2/s

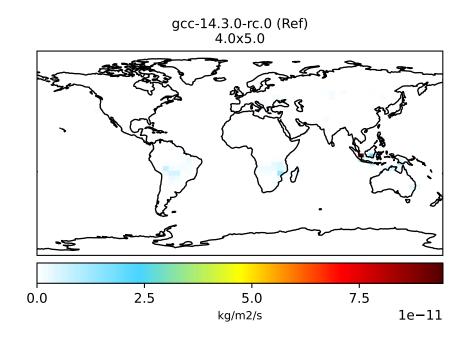


Ratio Dev/Ref, Fixed Range

Ref and Dev equal throughout domain unitless

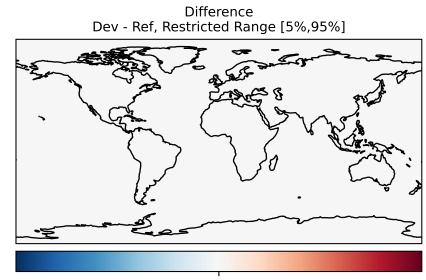
Ref and Dev equal throughout domain unitless

EmisC2H6_BioBurn (Oct2019)



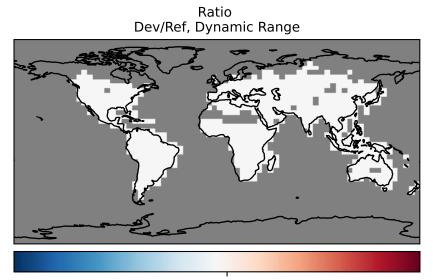
0.0 2.5 5.0 7.5 kg/m2/s 1e-11

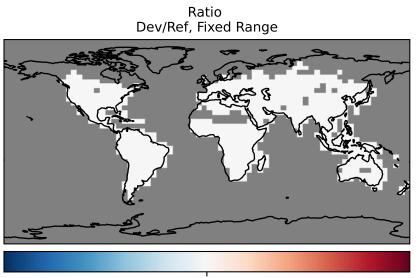
Difference Dev - Ref, Dynamic Range



Zero throughout domain kg/m2/s

Zero throughout domain kg/m2/s

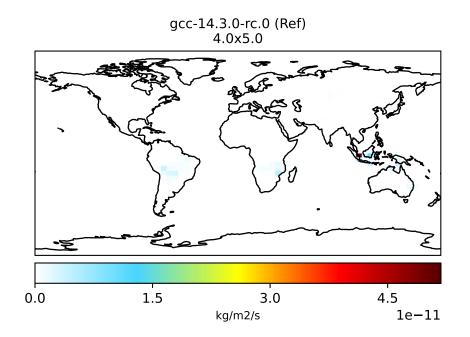




Ref and Dev equal throughout domain unitless

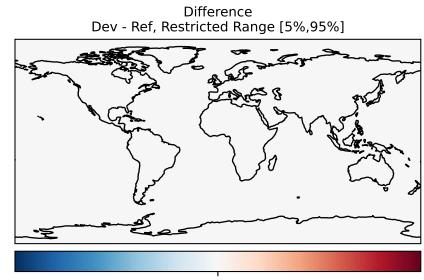
Ref and Dev equal throughout domain unitless

EmisC3H8_BioBurn (Oct2019)



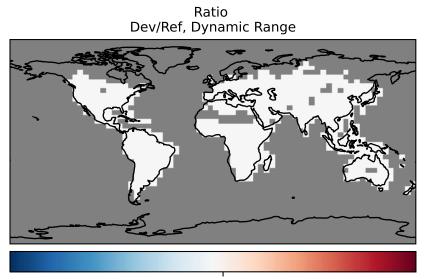
gcc-14.4.0-rc.0 (Dev) 4.0x5.0 0.0 1.5 3.0 4.5 kg/m2/s 1e-11

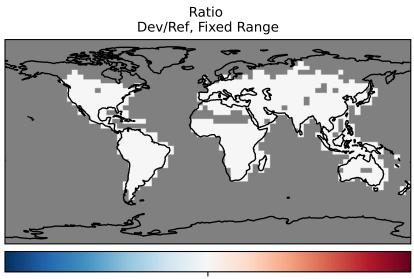
Difference Dev - Ref, Dynamic Range



Zero throughout domain kg/m2/s

Zero throughout domain kg/m2/s





Ref and Dev equal throughout domain unitless

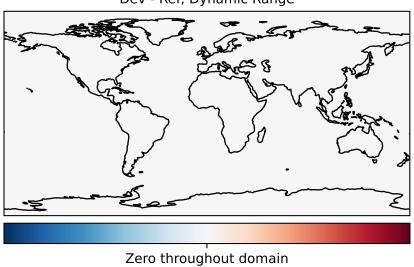
Ref and Dev equal throughout domain unitless

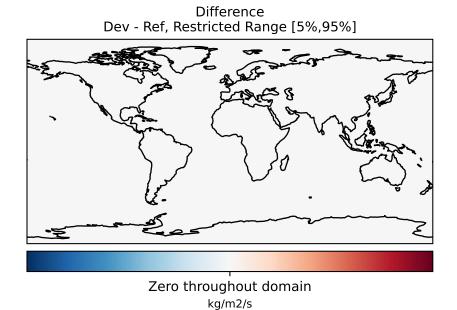
EmisCH2O_BioBurn (Oct2019)

gcc-14.3.0-rc.0 (Ref) 4.0x5.0 3 6 1e-11 kg/m2/s

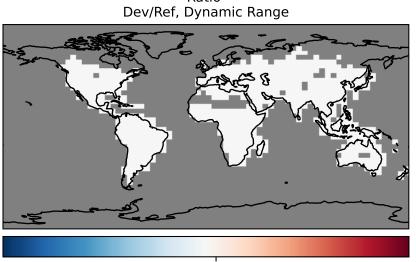
gcc-14.4.0-rc.0 (Dev) 4.0x5.0 3 6 kg/m2/s 1e-11

Difference Dev - Ref, Dynamic Range

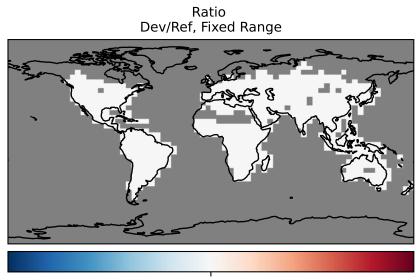








Ref and Dev equal throughout domain . unitless

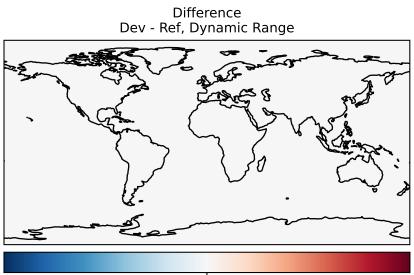


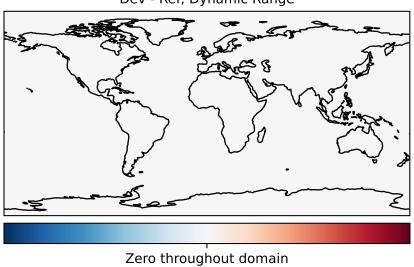
Ref and Dev equal throughout domain unitless

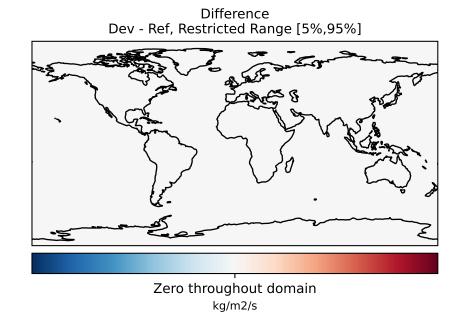
EmisCO_BioBurn (Oct2019)

gcc-14.3.0-rc.0 (Ref) 4.0x5.0 0.4 8.0 1.2 0.0 kg/m2/s 1e-8

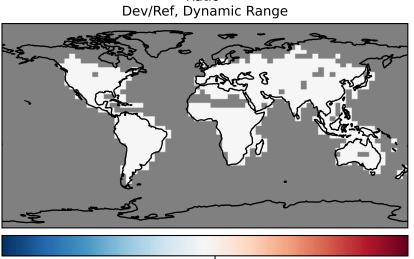
gcc-14.4.0-rc.0 (Dev) 4.0x5.0 0.0 0.4 8.0 1.2 kg/m2/s 1e-8





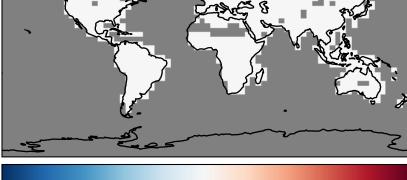


Ratio Dev/Ref, Dynamic Range



Ratio Dev/Ref, Fixed Range

Ref and Dev equal throughout domain unitless



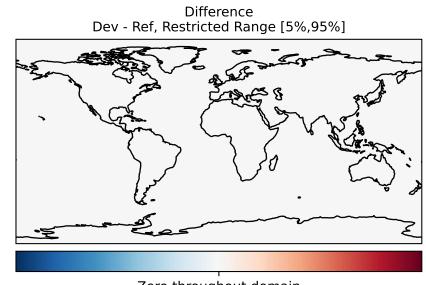
Ref and Dev equal throughout domain unitless

EmisEOH_BioBurn (Oct2019)

0.0 2.5 5.0 7.5 kg/m2/s 1e-12

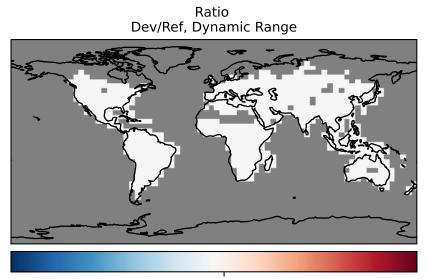
0.0 2.5 5.0 7.5 kg/m2/s 1e-12

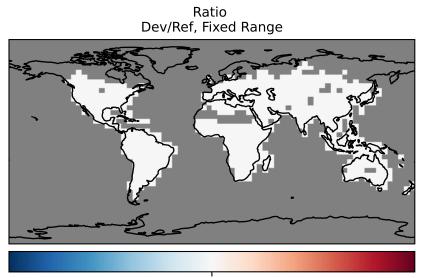
Difference Dev - Ref, Dynamic Range



Zero throughout domain kg/m2/s

Zero throughout domain kg/m2/s





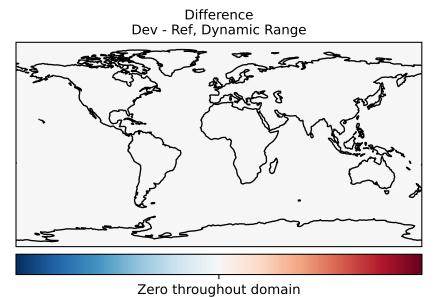
Ref and Dev equal throughout domain unitless

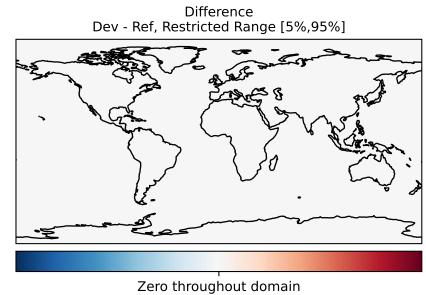
Ref and Dev equal throughout domain unitless

EmisFURA_BioBurn (Oct2019)

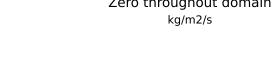
gcc-14.3.0-rc.0 (Ref) 4.0x5.0

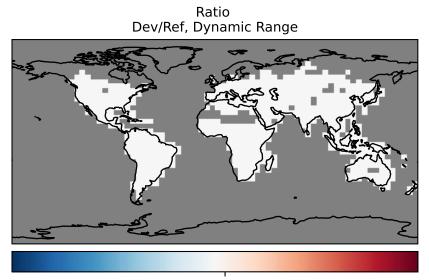
gcc-14.4.0-rc.0 (Dev) 4.0x5.0

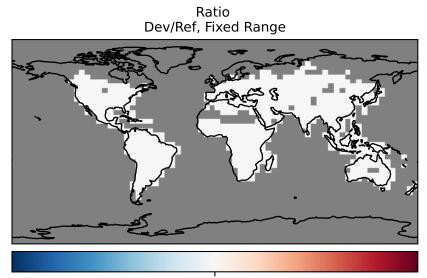




kg/m2/s







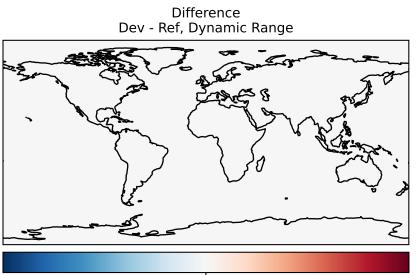
Ref and Dev equal throughout domain unitless

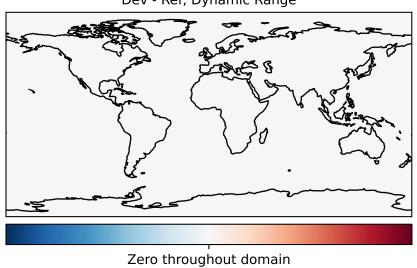
Ref and Dev equal throughout domain unitless

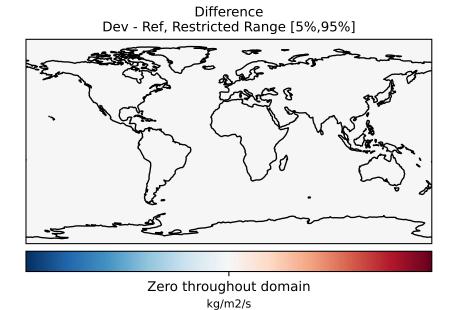
EmisGLYX_BioBurn (Oct2019)

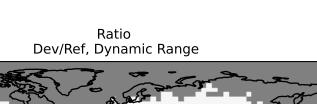
gcc-14.3.0-rc.0 (Ref) 4.0x5.0 2 kg/m2/s 1e-11

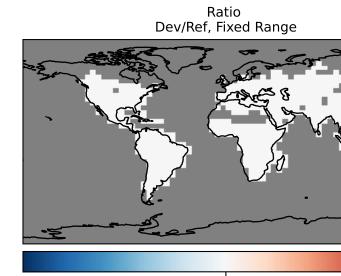
gcc-14.4.0-rc.0 (Dev) 4.0x5.0 2 kg/m2/s 1e-11

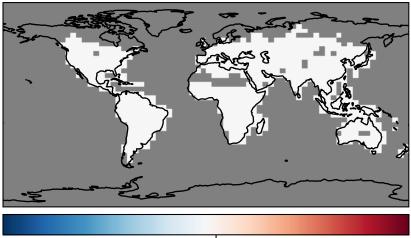












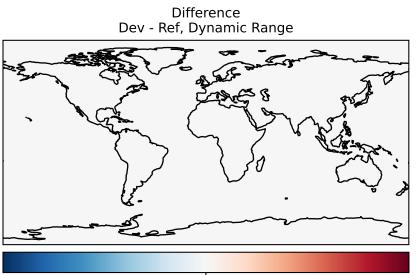
Ref and Dev equal throughout domain unitless

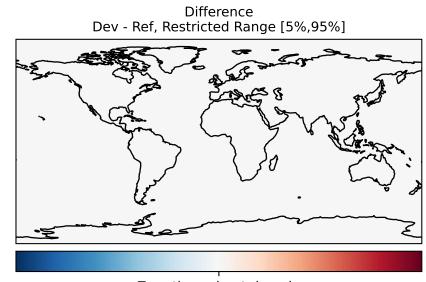
Ref and Dev equal throughout domain . unitless

EmisISOP_BioBurn (Oct2019)

0.0 0.6 1.2 1.8 kg/m2/s 1e-11

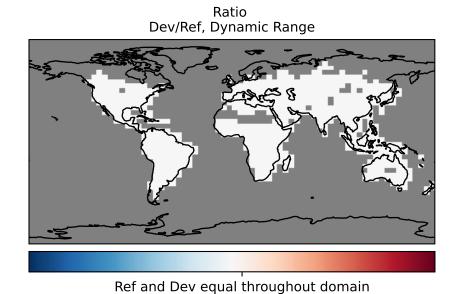
0.0 0.6 1.2 1.8 kg/m2/s 1e-11



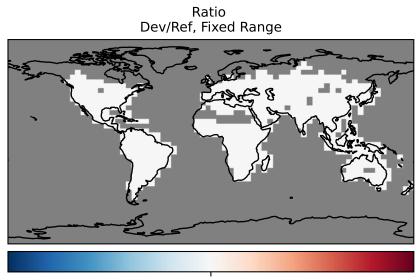


Zero throughout domain kg/m2/s

Zero throughout domain kg/m2/s



. unitless

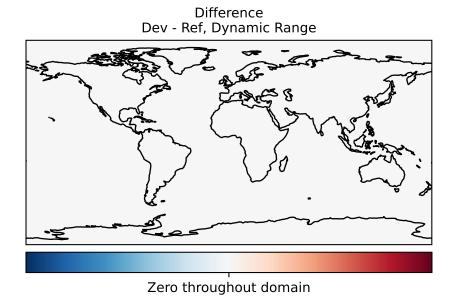


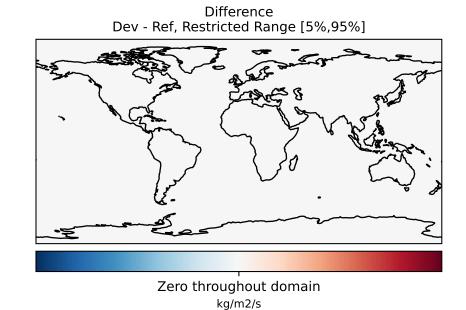
Ref and Dev equal throughout domain unitless

EmisMEK_BioBurn (Oct2019)

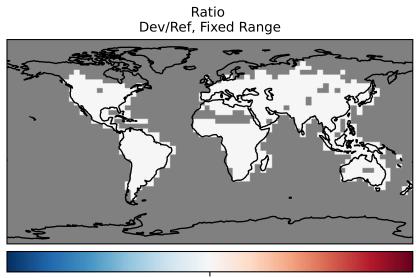
0.0 0.8 1.6 2.4 kg/m2/s 1e-11

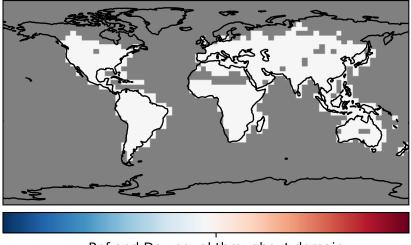
0.0 0.8 1.6 2.4 kg/m2/s 1e-11





Ratio Dev/Ref, Dynamic Range





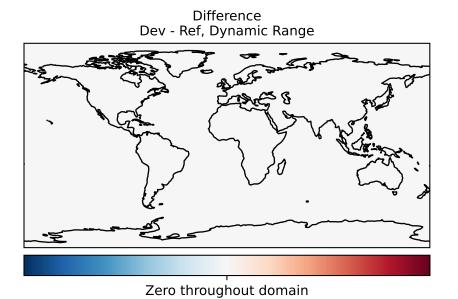
Ref and Dev equal throughout domain unitless

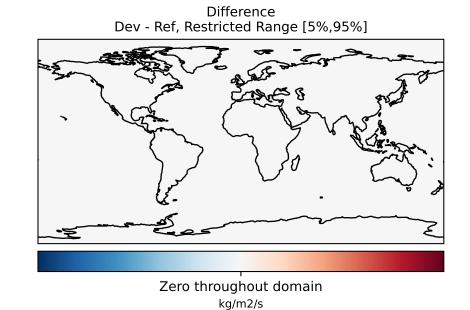
Ref and Dev equal throughout domain unitless

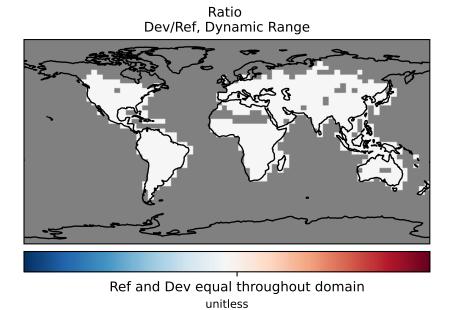
EmisMGLY_BioBurn (Oct2019)

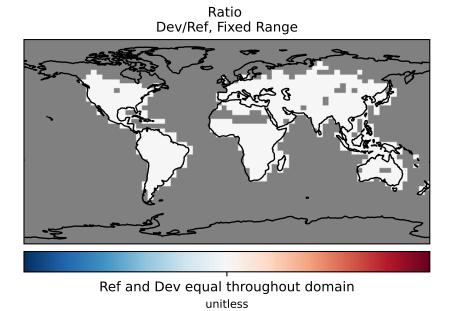
9cc-14.3.0-rc.0 (Ref) 4.0x5.0 0.0 0.8 1.6 2.4 kg/m2/s 1e-11

0.0 0.8 1.6 2.4 kg/m2/s 1e-11

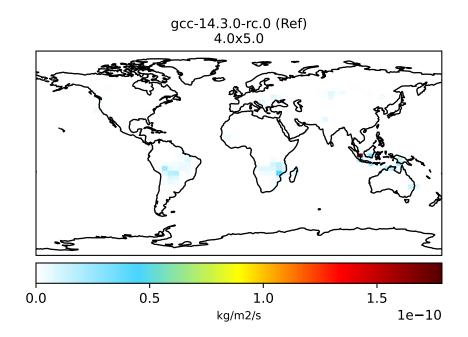




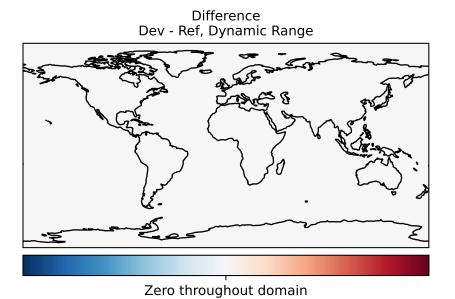


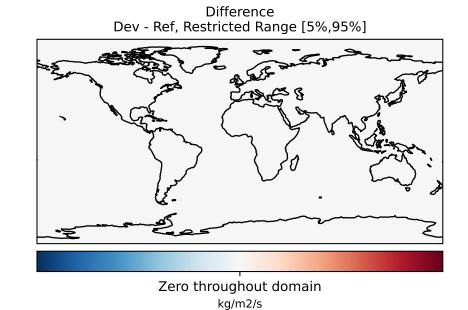


EmisMOH_BioBurn (Oct2019)

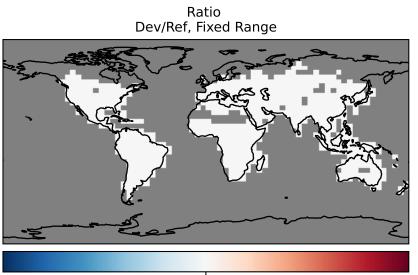


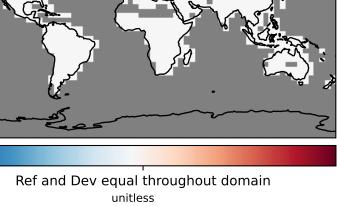
gcc-14.4.0-rc.0 (Dev) 4.0x5.0 0.5 1.0 1.5 0.0 kg/m2/s 1e-10

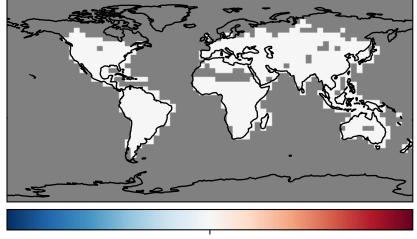




Ratio Dev/Ref, Dynamic Range





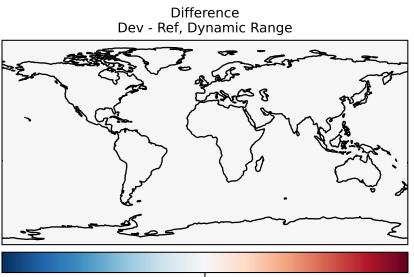


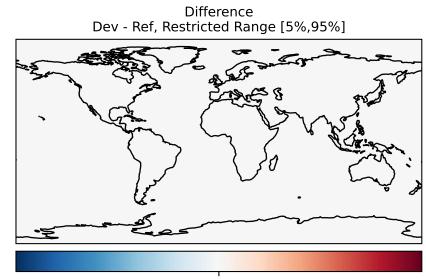
Ref and Dev equal throughout domain unitless

EmisMTPA_BioBurn (Oct2019)

gcc-14.3.0-rc.0 (Ref) 4.0x5.0

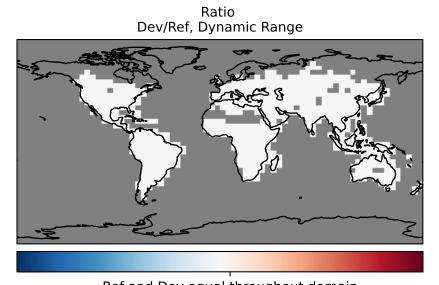
gcc-14.4.0-rc.0 (Dev) 4.0x5.0

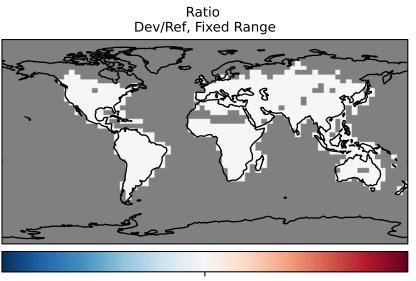




Zero throughout domain kg/m2/s

Zero throughout domain kg/m2/s

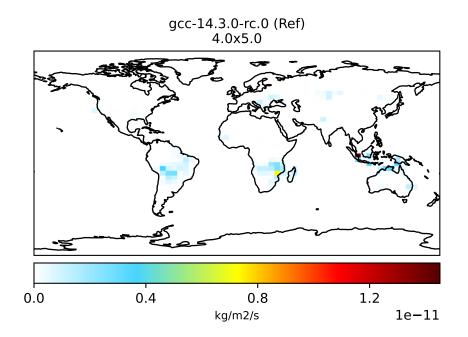




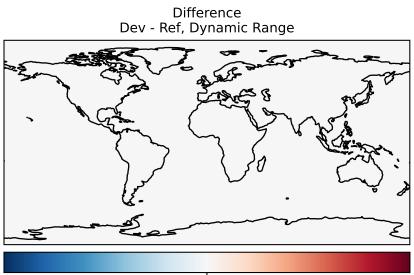
Ref and Dev equal throughout domain unitless

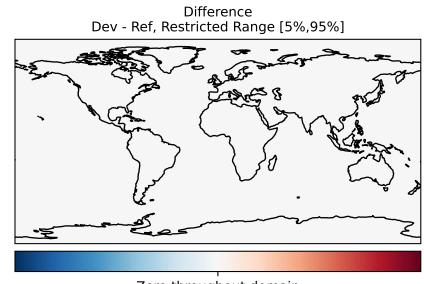
Ref and Dev equal throughout domain unitless

EmisMVK_BioBurn (Oct2019)



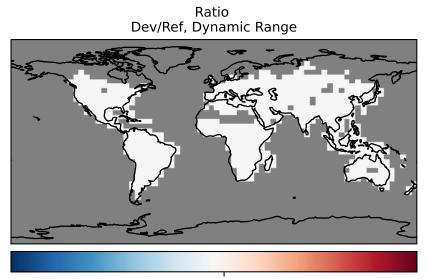
0.0 0.4 0.8 1.2 kg/m2/s 1e-11

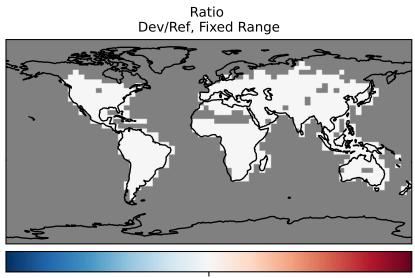




Zero throughout domain kg/m2/s

Zero throughout domain kg/m2/s

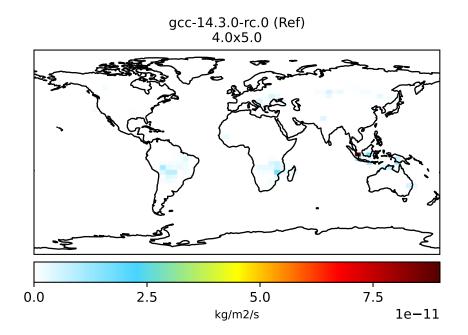




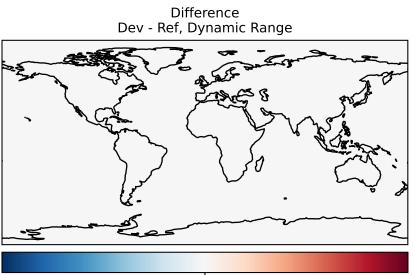
Ref and Dev equal throughout domain unitless

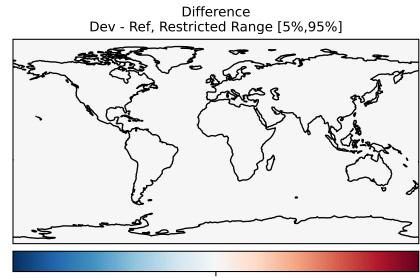
Ref and Dev equal throughout domain unitless

EmisNH3_BioBurn (Oct2019)



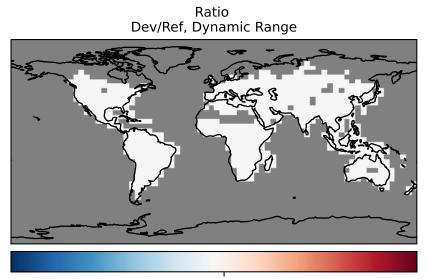
0.0 2.5 5.0 7.5 kg/m2/s 1e-11

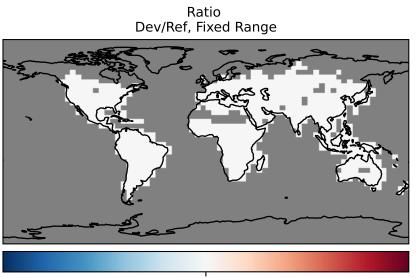




Zero throughout domain kg/m2/s

Zero throughout domain kg/m2/s





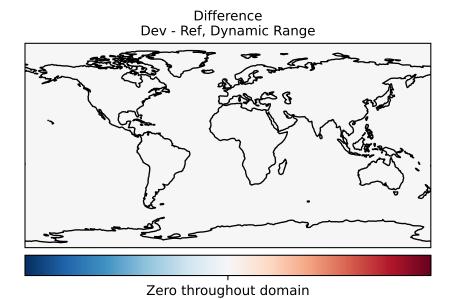
Ref and Dev equal throughout domain unitless

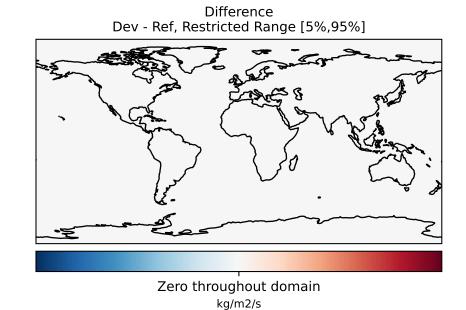
Ref and Dev equal throughout domain unitless

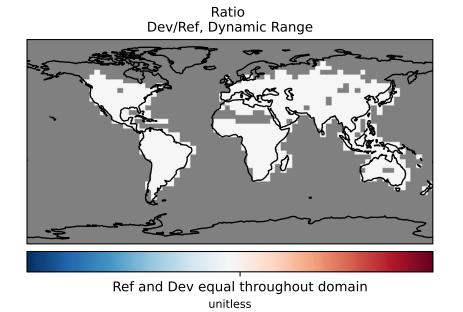
EmisNO_BioBurn (Oct2019)

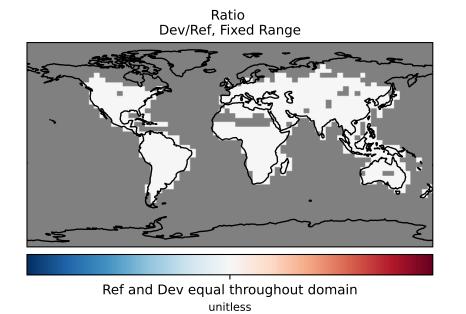
0.0 0.4 0.8 1.2 kg/m2/s 1e-10

0.0 0.4 0.8 1.2 kg/m2/s 1.2 le-10





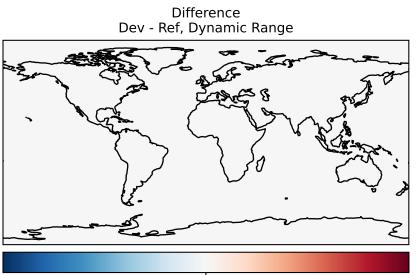


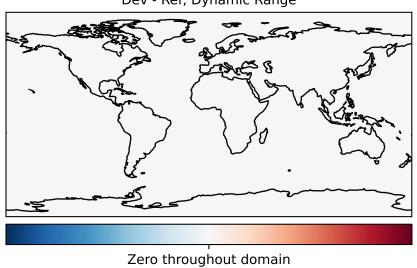


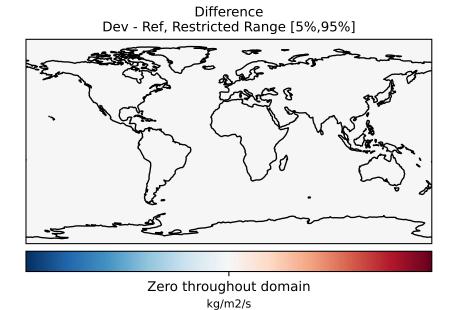
EmisOCPI_BioBurn (Oct2019)

gcc-14.3.0-rc.0 (Ref) 4.0x5.0 1.5 0.5 1.0 0.0 kg/m2/s 1e-10

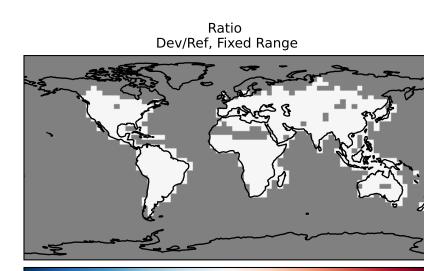
gcc-14.4.0-rc.0 (Dev) 4.0x5.0 0.5 1.0 1.5 0.0 kg/m2/s 1e-10

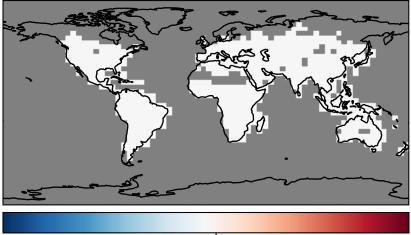












Ref and Dev equal throughout domain unitless

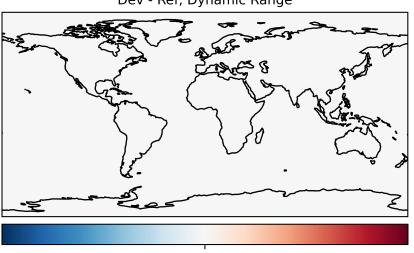
Ref and Dev equal throughout domain . unitless

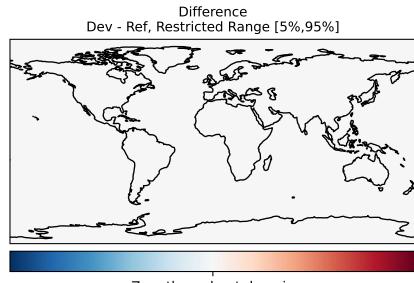
EmisOCPO_BioBurn (Oct2019)

gcc-14.3.0-rc.0 (Ref) 4.0x5.0 1.5 0.5 1.0 0.0 kg/m2/s 1e-10

gcc-14.4.0-rc.0 (Dev) 4.0x5.0 0.5 1.0 1.5 0.0 kg/m2/s 1e-10

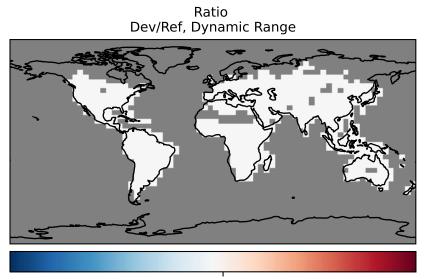
Difference Dev - Ref, Dynamic Range

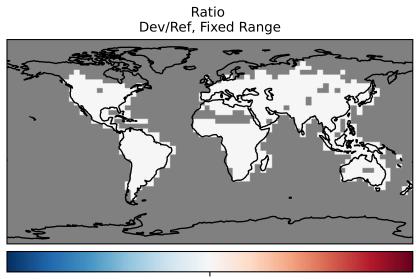




Zero throughout domain kg/m2/s

Zero throughout domain kg/m2/s





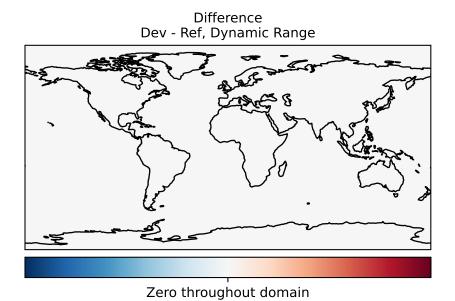
Ref and Dev equal throughout domain unitless

Ref and Dev equal throughout domain unitless

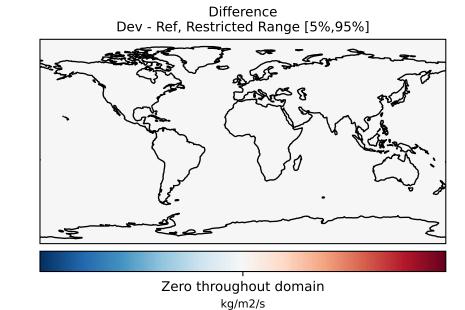
EmisPHEN_BioBurn (Oct2019)

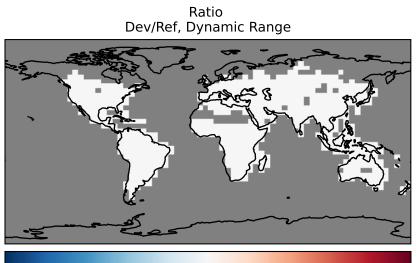
gcc-14.3.0-rc.0 (Ref) 4.0x5.0 0.8 1.6 2.4 0.0 1e-11 kg/m2/s

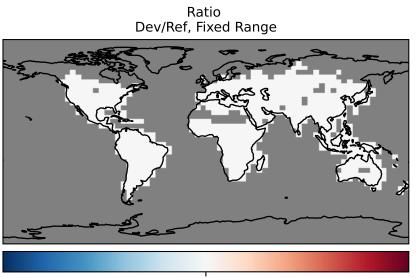
gcc-14.4.0-rc.0 (Dev) 4.0x5.0 0.8 1.6 2.4 0.0 kg/m2/s 1e-11



kg/m2/s







Ref and Dev equal throughout domain unitless

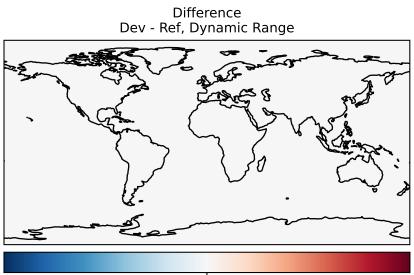
Ref and Dev equal throughout domain

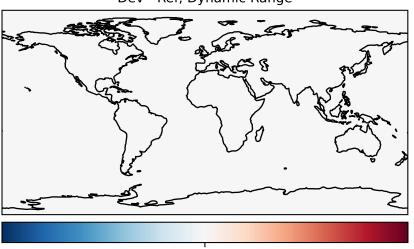
unitless

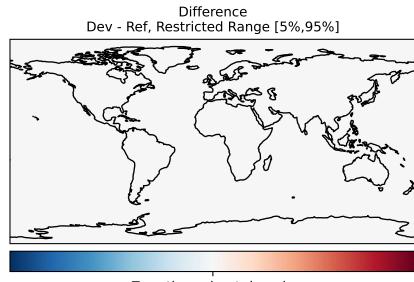
EmisPRPE_BioBurn (Oct2019)

gcc-14.3.0-rc.0 (Ref) 4.0x5.0 0.4 0.8 1.2 0.0 kg/m2/s 1e-10

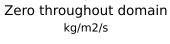
gcc-14.4.0-rc.0 (Dev) 4.0x5.0 0.4 8.0 1.2 0.0 kg/m2/s 1e-10

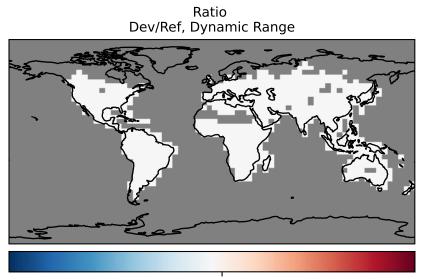


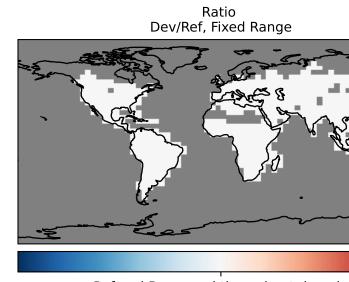




Zero throughout domain kg/m2/s







Ref and Dev equal throughout domain unitless

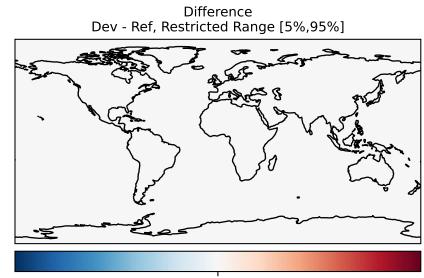
Ref and Dev equal throughout domain unitless

EmisRCHO_BioBurn (Oct2019)

0.0 2.5 5.0 7.5 kg/m2/s 1e-11

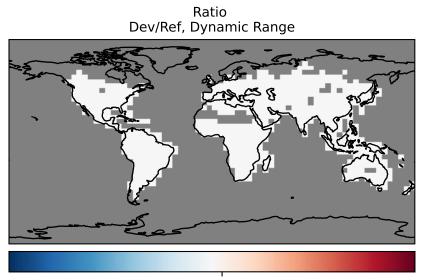
0.0 2.5 5.0 7.5 kg/m2/s 1e-11

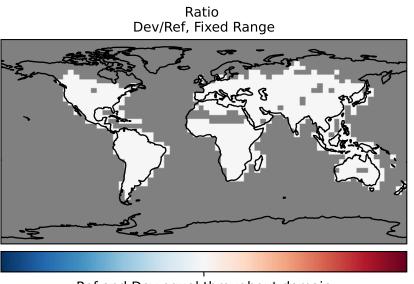
Difference Dev - Ref, Dynamic Range



Zero throughout domain kg/m2/s

Zero throughout domain kg/m2/s

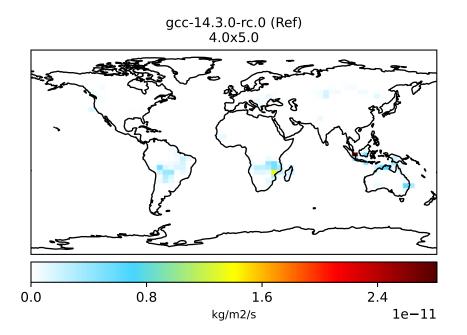


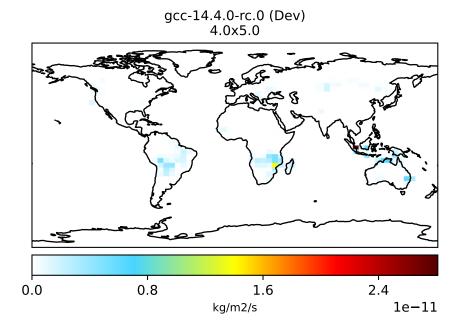


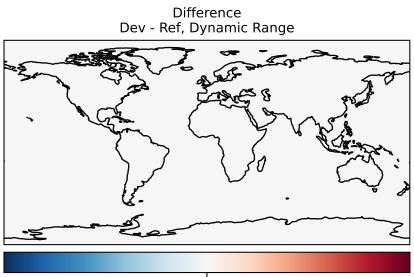
Ref and Dev equal throughout domain unitless

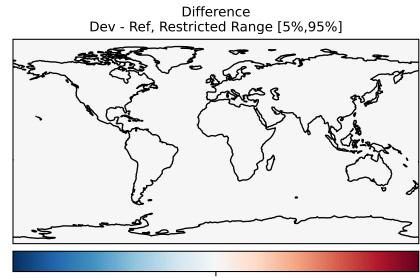
Ref and Dev equal throughout domain unitless

EmisSO2_BioBurn (Oct2019)



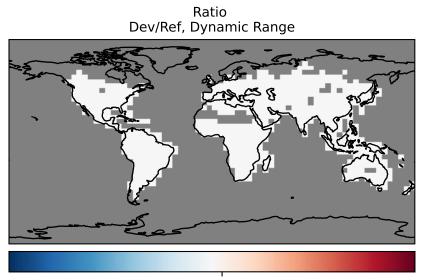


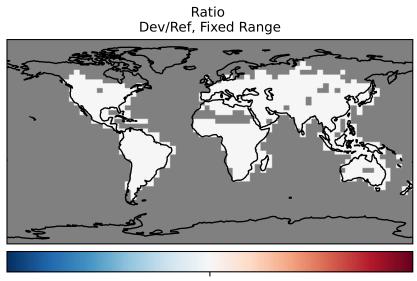




Zero throughout domain kg/m2/s

Zero throughout domain kg/m2/s





Ref and Dev equal throughout domain unitless

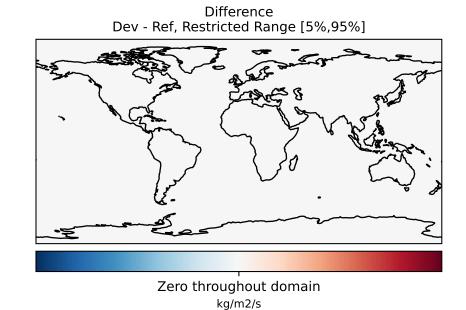
Ref and Dev equal throughout domain unitless

EmisSOAP_BioBurn (Oct2019)

0.0 0.5 1.0 1.5 kg/m2/s 1e-10

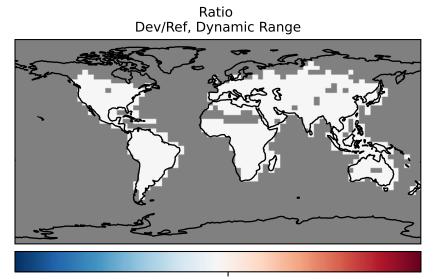
0.0 0.5 1.0 1.5 kg/m2/s 1e-10

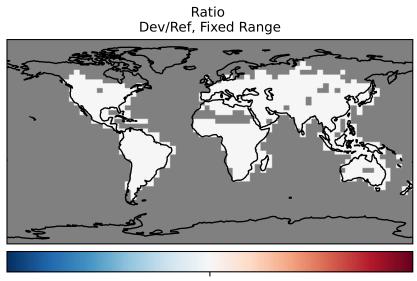
Difference Dev - Ref, Dynamic Range



Zero throughout domain kg/m2/s

Patio





Ref and Dev equal throughout domain unitless

Ref and Dev equal throughout domain unitless

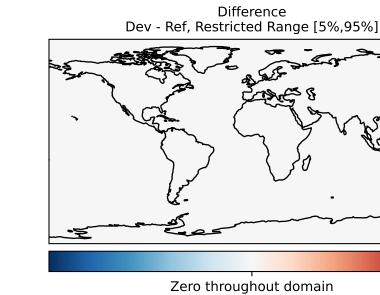
EmisTOLU_BioBurn (Oct2019)

gcc-14.3.0-rc.0 (Ref) 4.0x5.0 1.8 0.6 0.0 1.2 kg/m2/s 1e-11

gcc-14.4.0-rc.0 (Dev) 4.0x5.0 1.8 0.6 1.2 0.0 kg/m2/s 1e-11

Difference Dev - Ref, Dynamic Range

Zero throughout domain kg/m2/s



Ratio Dev/Ref, Dynamic Range

Ratio Dev/Ref, Fixed Range

Ref and Dev equal throughout domain unitless

Ref and Dev equal throughout domain unitless

EmisXYLE_BioBurn (Oct2019)

gcc-14.3.0-rc.0 (Ref) 4.0x5.0 3 6 kg/m2/s 1e-12

gcc-14.4.0-rc.0 (Dev) 4.0x5.0 3 6 kg/m2/s 1e-12

Difference Dev - Ref, Dynamic Range

